

MINING NEWS Here and Elsewhere

Edited By
ANSON H. SMITH

CACTUS QUEEN MINING COMPANY BUYS \$30,000 WORTH MINING MACHINERY

The Cactus Queen Mining company, owner of more than 3000 acres of mining lands in the Owens mining district, has just purchased \$30,000 worth of mining machinery for installation on the property and later larger plants are to be added to the equipment. A Los Angeles firm sold the plants to the company and will install the machinery. It consists of 150 horsepower compressor and steam boilers, one 40 horsepower hoist, one 40 horsepower engine and compressor, cars, rails, trackage, buckets, skip and other necessary tools and machines. When the equipment has been installed it is proposed to sink the main shaft on one of the properties to a depth of 500 feet and crosscut the vein system. At the 150 level the crosscut showed an immense body of ore, the average value of which was above 6 per cent and carrying gold and silver. Big lenses in the vein ran as high as 40 per cent copper. Many thousands of tons of rich ore is now available for shipment, but the lack of good roads will prevent production until some time later in the year, when it is expected that a road will be built to the mines from Yucca.

The company, under the management and direction of H. E. Barbee, has been doing an immense amount of development covering the big estate. Some of the claims are opened by tunnel and adit drifts, open cuts and other means of showing up the wonderful copper bearing possibilities of the veins.

The property is reached from Hillside, but a new road is being built in from Yucca by way of McCracken and the old Rawhide mines. This road will bring the property close to the Santa Fe railroad and give the company an outlet without having to cross the Bill Williams Fork, which sometimes is impassable by reason of heavy floods from its tributary streams.

TRIAL RUN AT GEORGE WASHINGTON SHOWS HIGH RECOVERY WITH FLOTATION

The trial run of the George Washington mill, at Mineral Park, has been completed and was an entire success. The plant is now being operated regularly on ore from the mine and is extracting better than 92 per cent of the metal. This is a wonderful extraction from an ore that carries its values in ruby and native silver, as well as copper oxides and native copper. Just how these results are obtained is announced to be the proper mixing of high grade oils and maintenance of steady flow through the launders from the batteries. The company has in charge of the mill a man with years of experience in the north and who is practical in every way in the handling of ores.

THE HACKBERRY MINE IS MAKING GOOD PROGRESS

The main shaft on the old Hackberry mine has reached the 800 and the work of cutting station there will soon be under way. On the 700 the crosscut was run to the vein and the drift carried along the ore body for a distance of 100 feet. The ore is found to be as good, if not better, than that cut in the 400 and 600 levels. The company will soon be opening stopes in the property and getting ready to deliver any amount of ore that the new mill needs will demand when the plant is in commission. The mine is now capable of delivering fully 500 tons daily and this tonnage can be increased at any time.

The company is assembling the mill units as fast as the material arrives and it is expected that the plant may be in commission within the next 90 days. This mill will be one of the most up-to-date flotation plants in the state.

MIDDLE GOLCONDA PAID VISIT BY SEC'Y.

James B. Speed, secretary of the Middle Golconda Mines company, paid a visit to the company's property in Todd Basin late last week, stopping over here on his way from California to Verde. He was much pleased with the showing at the mines and will soon be at work interesting financiers in the property.

The Middle Golconda this week shipped a carload of very rich silver ore to the smelter and the returns are awaited with great interest. Some of the specimens from the mine exhibited in Kingman are as rich and handsome native and ruby silver ores as have ever been taken from a Mohave county mine, and Mohave county has always been noted for its rich silver ores.

NEW ORE BODY OPENED AT GOLD ORE RECENTLY PROVING GOOD VALUES

The drift to the west on the 700 level of the Gold Ore, at Goldroad, has been driven a considerable distance into the new ore body that was encountered on that level last week and the indications are that a big tonnage of high grade mill ore will be opened up. The new ore body appears to be of far greater dimensions than anything opened on the levels above, and it is hoped that it will continue to get better with every day's work.

The present management of Gold Ore has been honest and conservative and when a report now goes out from that property it can be relied upon.

INSTALLATION OF POWER PLANT IS BEING CONSIDERED

The United Eastern is seriously considering the installation of an emergency power plant at Oatman to handle cases like that of last week, when the lightning put the line from Kingman out of commission for eight hours. The plant will be equipped with an 80 horsepower engine and 60 horsepower generator. This would give sufficient power to carry the essential machines, while the main power line was being strung up and put in commission. The necessity for an auxiliary plant is obvious, where a few hours' shutdown will disarrange mining and milling conditions and cause the loss of many hundreds of dollars in wages alone.

RUMORED THAT OLD CEDAR MINES WILL BE WORKED AGAIN

J. B. McNaughton, who has been in charge of the Cedar valley mines for a number of years, was in from that place the other day. It is rumored that the company owning the properties expects to have some development work under way soon.

The old Cedar mines were at one time among the big silver producers of the county, but their isolation from railroad made mining a costly proposition and they have been closed for a number of years.

FEELS SURE THAT SOMETHING WILL BE DONE FOR GOLD

J. D. Burgess, who represented Mohave county at the Reno conference last week, returned home a few days ago. He feels sure that something will be done to aid the gold miner and that the committee now in Washington will evolve a solution of the problem.

Mining News From Yavapai County

(By P. R. Milnes)

PRESOTT, Aug. 22.—The plaudits that go to the ship builders are equally deserved by the copper miners of Arizona, who in the month of July broke another record for production. They are taking out copper ore at the rate of 800,000,000 pounds a year, which is considerably more than ever before was mined by any state in the Union, far more than Arizona ever produced in previous years and Arizona has long been the leader. At the current price of 26 cents a pound, the copper will be worth \$208,000,000. However, the year's average will not be 26 cents a pound, for until recently the price was 25½ cents a pound. The men of the smelters deserve credit equal to the miners, for as great as has been the production of ore, the smelters have kept right up with it and are turning out every pound into copper at a rate truly marvelous.

A fact worthy of notice is that the profit of the companies is small, owing to the high costs and moderate revenue, while the wages of the employees are higher than ever before were paid in the history of the industry. Of all the millions that copper production brings to the companies, a great many of these millions

OLD FAY MINE, SEVEN MINES SOUTH OF KINGMAN IS SHIPPING \$125 ORE

This week a shipment of ore was made to the smelter from the old Fay mine, about seven miles south of Kingman, by W. A. Rieff and Ernest Solomon. The ore sampled \$125 in gold and silver, the gold running better than \$120. This ore was taken from a five inch streak in the vein, the balance being high grade mill ore.

Rieff and Solomon have charge of the old Fay mine and mill and expect to soon have a large enough tonnage to operate the mill on it. The gold is free and there is no reason why the values cannot be saved to a high percentage. Crushing must be through a 60 screen or possibly better to get the best results, as the fine gold is closely associated with heavy iron oxides.

YUCCA TUNGSTEN MINE PAYS FIRST DIVIDEND

The first dividend, amounting to \$20,000, was declared by the Yucca Tungsten company this week. The company is now shipping big cars of concentrates that are netting \$40,000 to the car and better than 50 per cent of the money realized from the sales is net. This is one of the first tungsten mines in the state to pay a dividend and this company is sure to keep in the forefront in the dividend class for many years to come, as its ores are far richer than any other property of the kind in the United States.

SINKING A SHAFT ON GRANNIS MINE

W. D. Grannis and Porfirio Noli have been sinking a shaft on one of the Grannis properties, in the lower part of Deluge Wash the past two weeks and soon expect to have it at a depth of 50 feet below the tunnel level. This property is under option to Los Angeles people and is said to be showing excellent copper-molybdenite ore. Should the present work increase the values of molybdenite it is quite probable that there will be more work done at once and that the mill now at Yucca will be hauled in and installed.

WALTER E. KUENCER LOCATES AT RAY

Walter E. Kuencer, son of Registrar O. F. Kuencer, and a native son of Mohave county, is now chief engineer for the Ray Consolidated Copper Co. at Ray, Arizona. Previous to his acceptance of this position, this young man has been an employee of the Los Angeles Gas & Electric company for a period of seven years.

FRISCO COMPANY NOW CROSSCUTTING

The Frisco Mining company is crosscutting toward the vein on the 300 level after driving the drift to the fault. It is expected that as soon as the ore has been definitely cut the shaft will be continued downward to the 500 level. The company has the making of an immense property and we hope that operations will be continued on it until the big ore bodies have been located on their downward trend.

RED GAP PROPERTY OPENED BY TUNNEL

The Red Gap, under the bond recently given by Kean St. Charles on that property, is being opened by a tunnel on the old ore body and a crosscut is now being driven toward the hanging wall to line up the vein at a new point. The ore that has been picked up in the operations shows excellent values in gold. With the development of the mine below the faulting it ought to prove one of the big gold properties of the county. It has all the earmarks of a mine and with the exercise of mining judgment all the faultings will be worked out in a short time.

COPPER WORLD MINE HAS BEEN OPTIONED

The Copper World mine, situated about 14 miles east of Yucca has just been taken over under option by Chas. Adams and associates. The mine will be unwatered and the old ore body will be exploited.

The old Copper World and Antler are owned by the Commercial Copper company, a subsidiary of the Phelps-Dodge corporation. In the early eighties the mines were purchased from the late James Rosborough, John K. Mackenzie and "Sport" Reilly. These men had located the property and shipped some ore from it. The new company sank a shaft below the water on the Copper World and did considerable work on the Antler. As the shaft went down the values in the ore decreased in copper, but the Antler maintained its values as far as depth was gained. The Antlers ores were not only rich in copper, but also carried splendid values in silver. The two mines were about six miles apart and the ores from the upper vein had to be packed by burro train to the road. The ores from both properties were shipped to the old Hackberry and Boggs smelter, in Yavapai county for treatment. When production was at its high the price of copper dropped to 9 cents and the company not only withdrew from the operation of this mine, but also all other properties in the north part of the territory.

We believe that good ore will be disclosed in both properties by the lessees.

GRAND GULCH MINE SHIPPING RICH ORE

Leasers on the Grand Gulch mine are shipping a considerable tonnage of rich copper ore from that property to Salt Lake. This ore averages nearly 40 per cent copper as it is broken down in the mine, but owing to the haulage it is cobbed to above 50 per cent.

This mine is situated about 40 miles north of the Colorado river in this county, and in the sandstone country. The ore is shipped to St. Thomas to the Clark road.

MINING INVESTMENTS
All authorities agree that a gold boom is due. We can now offer you a special opportunity.
BLACK BROS. BROKERS
Oatman Black Bldg.
Los Angeles, Cal.

JONATHAN AND ELTA MINES SHOW GOOD ORE

Walter Myers, who recently located the old Jonathan and Elta mines near the Frost ranch, 15 miles east of Kingman, this week brought in rich samples of rock taken from the 80 foot level of the property. He showed assays of the ore that ran between 300 and 500 ounces in silver.

Some years ago the mine was operated by Charles Cumming, who took out a large tonnage of very rich silver ore. The vein was lost in the lower levels and now Mr. Myers picked it up in the footwall at the 80-foot depth. The vein is about 18 inches wide and is improving as the drift progresses on it.

Today's Mining Stock Quotations

Following are the latest quotations on the Oatman stocks and sales for the week in Los Angeles and Oatman, as reported by Black Bros. Brokers:

Adams .....	.01	.02
Afgo .....	.04½	.....
Gold Ore .....	.04½	.04%
Nellie .....	.02	.05
Alcyone .....	.....	.15
Red Lion .....	.....	.21
Sunnyside .....	.02	.03
Tom Reed	1.48	1.49
United Eastern	3.62	3.67
SALES		
Argo	3,000	
Gold Ore	63,500	
Tom Reed	4,750	
United Eastern	3,400	

ARIZONA BUTTE'S BANNER MINE SHIPS RICH ORE

The installation of compressor plant on the Banner mine, of the Arizona Butte plant, has made it possible for the leasers to get better results in the driving of drifts on the ore bodies. A carload of ore sent out a week ago by a group of leasers netted \$2500. While this was not one of the best cars sent out from the property it brought the men better results as it was extracted in record time. The new ore shows better than any shipped up to date and the bodies are quite large. As soon as the company drives ahead into the other ore bodies a much greater tonnage of ore will be going out.

Not only is the Banner mine of the group making good, but the hoist on the Prince George is now pulling out some of the best ore that property ever produced. The ore is rich in native and ruby silver and the body is quite large. This is the ore body that will soon be opened at depth by the big tunnel that is surveyed through the vein and which is now in nearly 700 feet.

METAL PRICES ARE ON THE INCREASE

Under the latest price fixing silver is now quoted in the open market at 1.01 1-8 cents per fine ounce. Lead is now selling for 8.05 at St. Louis, and zinc at 8.85. The price of all metals will be increased to a new maximum by the first of October and by that time a new value will be made on gold.

Drafting, Maps, Underground Surveys

MOHAVE ASSAY & ENGINEERING OFFICE

New Modern Plant
Phone Blue 127

One Block East
Arizona Central Bank

L. H. FOSTER

CIVIL ENGINEER

U.S. Mineral Surveyor

Patent and Underground Surveys

Kingman, Arizona.

The Tarr, McComb & Ware Commercial Co.

Has a reputation for always having on hand a complete stock of

MINE SUPPLIES

Corrugated Iron
Blacksmith Coal
Mine Rails
Ore Cars
Ore Buckets
Air Hose
Rubber Belting
Wire Rope
Pipe

Pipe Fittings
Drill Steel
Soft Steel
Fuel Oil
Petroleum Gas Oil
Distillate
Lubricating Oil
Automobile Tires
Truck Tires

Tarr, McComb & Ware Com'l Co.

KINGMAN

OATMAN

CHLORIDE

	1916 Assessed Value	1917 Assessed Value
United Verde Copper	\$20,687,010	\$31,536,944
U. V. Extension	5,360,280	27,551,329
Con. Ariz. Smelting Co.	251,535	2,296,746
Commercial Mining Co.	167,935	348,255
Arizona Binghampton	16,420	247,805
Hayden Dev. Co. (Copper Chief)	149,724	269,208
	\$26,632,904	\$62,250,287

	1918 Assessed Value
United Verde Copper	\$42,951,670
U. V. Extension	41,619,124
Con. Arizona Smelting Co.	3,118,423
Commercial Mining Co.	362,296
Arizona Binghampton	316,992
Hayden Dev. Co. (Copper Chief)	162,953
	\$88,511,458

The United Verde Extension smelter is just beginning to take shape. Its first units are just beginning. The Mayer Ore Purchasing company has recently begun operating with a custom concentrating and leaching plant. The Bradshaw Reduction company has two concentrating plants in operation. The Copper Queen Gold Mining company of Mayer will soon have a plant. All of these plants are helping increase the metal output of Yavapai county and are adding to the value of her mines and helping increase the number of producing properties.